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| FORM PTO-1449 (Rev. 2-32) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 5212 | SERIAL NO. 09/124,043 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT John S. HENDRICKS et al. | |
| | | FILING DATE July 29, 1998 | GROUP 2811 2811 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|-----------------|----------|-------------------|-------|----------|-------------------------------|
| Q | AA | 5 3 5 7 2 7 6 | 10/18/94 | Banker et al. | | | |
| | AB | 4 7 1 2 1 0 5 | 12/8/87 | Kohler | | | |
| | AC | 5 2 5 3 0 6 6 | 10/12/93 | Vogel | | | |
| | AD | 5 1 3 0 7 9 2 | 7/14/92 | Tindell et al. | | | |
| | AE | 5 1 5 2 0 1 1 | 9/29/92 | Schwob | | | |
| | AF | 4 9 9 6 5 9 7 | 2/26/91 | Duffield | | | |
| | AG | 5 3 4 1 1 6 6 | 8/23/94 | Garr et al. | | | |
| | AH | 4 7 0 6 1 2 1 | 11/10/87 | Young | | | |
| | AI | 4 9 2 8 1 6 8 | 5/22/90 | Iwashita | | | |
| | AJ | 5 1 4 4 6 6 3 | 9/1/92 | Kudelski et al. | | | |
| ↓ | AK | 5 1 0 5 2 6 8 | 4/14/92 | Yamanouchi et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---|----|-----------------|---------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| Q | AL | 3 1 1 4 3 7 5 | 5/15/91 | Japan | | | | |
| | AM | 3 9 3 5 2 9 4 | 4/25/91 | Germany | | | | |
| | AN | 4 2 0 1 2 3 | 4/3/91 | EPO | | | | |
| | AO | 6 2 2 4 7 7 7 | 2/2/87 | Japan | | | | |
| ↓ | AP | 1 1 3 0 6 8 3 | 5/23/89 | Japan | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|---|----|---|
| Q | AQ | Reimer, "Memories in my Pocket", February 1991. |
| Q | AR | Olshansky et al., "Subscriber Distribution Networks Using Compressed Digital Video", November 1992. |
| Q | AS | Dinaro, et al., "Markets and Products Overview", 1991. |

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Dew Gert

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U.S. PATENT DOCUMENTS

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|---------------------|----|-----------------|----------|----------------------|-------|----------|-------------------------------|
| Q | BA | 4 9 4 7 4 2 9 | 8/7/90 | Bestler et al. | | | |
| | BB | 5 0 9 3 7 1 8 | 3/3/92 | Hoarty et al. | | | |
| | BC | 5 0 4 6 0 9 3 | 9/3/91 | Wachob | | | |
| | BD | 5 0 2 0 1 2 9 | 5/28/91 | Martin et al. | | | |
| | BE | 4 7 9 2 9 7 2 | 12/20/88 | Cook, Jr. | | | |
| | BF | 5 0 7 7 6 0 7 | 12/31/91 | Johnson et al. | | | |
| | BG | 4 9 7 5 9 5 1 | 12/4/90 | Bennett | | | |
| | BH | 4 8 6 0 3 7 9 | 8/22/89 | Schoeneberger et al. | | | |
| | BI | 4 4 8 4 2 1 7 | 11/20/84 | Block et al. | | | |
| | BJ | 5 0 9 1 7 8 2 | 2/25/92 | Krause et al. | | | |
| | BK | 5 0 5 7 9 1 7 | 10/15/91 | Shalkauser et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---|----|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| Q | BL | 9 2 1 7 0 2 7 | 10/1/92 | PCT | | | | |
| Q | BM | 9 1 0 0 6 7 0 | 1/10/91 | PCT | | | | |
| Q | BN | 4 2 4 6 4 8 | 5/2/91 | EPO | | | | |
| Q | BO | 5 0 6 4 3 5 | 9/30/92 | EPO | | | | |
| Q | BP | 4 0 2 8 0 9 | 12/19/90 | EPO | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|---|----|--|
| Q | BQ | Advertisement, "Hong Kong Enterprise", November 1988 |
| Q | BR | Advertisement, "Great Presentations", 1987 |
| Q | BS | Advertisement, "Consumer Dist.", Fall/Winter 1992 |

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John S. Hendricks

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|---------------------|------------------|----------|-----------------|-------|----------|-------------------------------|
| Q | CA 5 0 4 9 9 9 0 | 9/17/91 | Kondo et al. | | | |
| | CB 4 8 1 6 9 0 1 | 3/28/89 | Music et al. | | | |
| | CC 4 6 8 8 2 4 6 | 8/18/87 | Eilers et al. | | | |
| | CD 4 9 4 9 1 8 7 | 8/14/90 | Cohen | | | |
| | CE 4 9 9 5 0 7 8 | 2/19/91 | Monslow et al. | | | |
| | CF 5 0 2 7 4 0 0 | 6/25/91 | Baji et al. | | | |
| | CG 5 1 7 2 4 1 3 | 12/15/92 | Bradley et al. | | | |
| | CH 5 2 0 6 7 2 2 | 4/27/93 | Kwan | | | |
| | CI 5 2 4 7 3 4 7 | 9/21/93 | Litteral et al. | | | |
| | CJ 5 1 6 6 8 8 6 | 11/24/92 | Molnar et al. | | | |
| | CK 5 2 2 3 9 2 4 | 6/29/93 | Strubbe | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|---|------------------|----------|---------|-------|----------|-----------------------|
| Q | CL 8 6 0 1 9 6 2 | 3/27/86 | PCT | | | |
| | CM 8 9 0 9 5 2 8 | 10/5/89 | PCT | | | |
| | CN 9 2 2 1 2 0 6 | 11/26/92 | PCT | | | |
| | CO 9 0 1 0 9 8 8 | 9/20/90 | PCT | | | |
| | CP 1 8 7 9 6 1 | 7/23/86 | EPO | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|---|----|---|
| Q | CQ | van den Boom, "Interactive Videotex. . .", Nov.-Dec. 1986. |
| Q | CR | Moloney, "Digital Compression in Todays. . .", June 6, 1993 |
| Q | CS | Bestler, "Flexible Data Structures. . .", June 6, 1993 |

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| EXAMINER <i>Chris Green</i> | DATE CONSIDERED 7/24/03 |
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|---------------------|---|-----------------|---|---|---|---|---|----------|---------------|------|-------|----------|-------------------------------|
| DA | 5 | 2 | 8 | 9 | 2 | 7 | 1 | 2/22/94 | Watson | | | | |
| DB | 4 | 9 | 5 | 9 | 8 | 1 | 0 | 9/25/90 | Darbee et al. | | | | |
| DC | 4 | 4 | 8 | 8 | 1 | 7 | 9 | 12/11/84 | Kruger et al. | | | | |
| DD | 4 | 9 | 7 | 7 | 4 | 5 | 5 | 12/11/90 | Young | | | | |
| DE | 5 | 1 | 5 | 1 | 7 | 8 | 9 | 9/29/92 | Young | | | | |
| DF | D | 3 | 0 | 1 | 0 | 3 | 7 | 5/9/89 | Matsuda | | | | |
| DG | D | 3 | 1 | 4 | 3 | 8 | 3 | 2/5/91 | Hafner | | | | |
| DH | D | 3 | 2 | 5 | 5 | 8 | 1 | 4/21/92 | Schwartz | | | | |
| DI | D | 3 | 2 | 9 | 2 | 3 | 8 | 9/8/92 | Grasso et al. | | | | |
| DJ | D | 3 | 3 | 1 | 7 | 6 | 0 | 12/15/92 | Renk, Jr. | | | | |
| DK | 5 | 0 | 1 | 5 | 8 | 2 | 9 | 5/14/91 | Eilert et al. | | | | |

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| | | DOCUMENT NUMBER | | | | | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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| | | YES | NO | | | | | | | | | | | |
| a | DL | 1 | 1 | 4 | 2 | 9 | 1 | 8 | 6/5/89 | Japan | | | | |
| | DM | 3 | 5 | 5 | 6 | 9 | 7 | | 2/28/90 | EPO | | | | |
| | DN | 4 | 2 | 5 | 8 | 3 | 4 | | 5/8/91 | EPO | | | | |
| | DO | 5 | 1 | 3 | 7 | 6 | 3 | | 11/19/92 | EPO | | | | |
| | DP | 3 | 1 | 9 | 8 | 1 | 1 | 9 | 8/29/91 | Japan | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| DQ | Sharpless, "Subscription Teletext for Value Added Services", August 1985. |
| DR | Gelman et al., "A Store-and Forward. . .", June 21, 1991. |
| DS | Hewlett Packard Co., "HP-41C Operating Manual", December, 1982 |

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| EXAMINER <i>Shin G27</i> | DATE CONSIDERED <i>7/24/93</i> |
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U.S. PATENT DOCUMENTS

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|---------------------|----|-----------------|----------|-------------------|-------|----------|-------------------------------|
| <i>Q</i> | EA | 5 2 0 2 8 1 7 | 4/13/93 | Koenck et al. | | | |
| | EB | 5 2 5 3 2 7 5 | 10/12/93 | Vurt et al. | | | |
| | EC | 5 2 8 3 6 3 9 | 2/1/94 | Esch et al. | | | |
| | ED | 5 3 4 5 5 9 4 | 9/6/94 | Tsuda | | | |
| | EE | 5 4 1 6 5 0 8 | 5/16/95 | Sakuma et al. | | | |
| | EF | 4 9 6 1 1 0 9 | 10/2/90 | Tanaka | | | |
| | EG | 4 8 2 9 5 5 8 | 5/9/89 | Welsh | | | |
| | EH | 5 1 3 3 0 7 9 | 7/21/92 | Ballantyne et al. | | | |
| | EI | 5 3 5 5 1 6 2 | 10/11/94 | Yazolino et al. | | | |
| | EJ | 5 1 8 2 6 3 9 | 1/26/93 | Jutamulia et al. | | | |
| <i>Q</i> | EK | 5 1 3 2 7 8 9 | 7/21/92 | Ammon et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|----------|----|-----------------|----------|------------------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| <i>Q</i> | EL | 9 2 1 2 5 9 9 | 7/23/92 | PCT | | | | |
| | EM | 2 1 6 8 2 2 7 | 6/11/86 | Great Britain | | | | |
| | EN | 2 0 4 4 5 7 4 | 12/14/92 | Canada | | | | |
| | EO | 5 2 5 0 1 0 6 | 9/28/93 | Japan (Abstract) | | | | |
| <i>Q</i> | EP | 6 1 0 6 0 1 5 | 3/27/86 | Japan (Abstract) | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----------|----|--|
| <i>Q</i> | EQ | Sorce, et al., "Human Factors In Telecommunications," September 1990 |
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Chris Gen

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U.S. PATENT DOCUMENTS

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|---------------------|----|-----------------|----------|-----------------|-------|----------|-------------------------------|
| <i>ce</i> | FA | 4 8 7 6 7 3 6 | 10/24/89 | Kiewit | | | |
| | FB | 5 2 9 3 5 4 0 | 3/8/94 | Trani et al. | | | |
| | FC | 5 0 0 1 5 5 4 | 3/19/91 | Johnson et al. | | | |
| | FD | 5 4 1 0 3 2 6 | 4/25/95 | Goldsetin | | | |
| | FE | 5 0 4 7 8 6 7 | 9/10/91 | Strubbe et al. | | | |
| | FF | 5 3 5 3 1 2 1 | 10/4/94 | Young et al. | | | |
| | FG | 5 4 1 4 4 2 6 | 5/9/95 | O'Donnell et a. | | | |
| | FH | 5 4 0 4 3 9 3 | 4/4/95 | Remillard | | | |
| | FI | 5 2 3 7 3 1 1 | 8/17/93 | Mailey et al. | | | |
| | FJ | 5 0 7 8 0 1 9 | 1/27/92 | Aoki | | | |
| | FK | 5 4 1 0 3 4 4 | 4/25/95 | Graves et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|-----------|----|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| <i>ce</i> | FL | 2 4 3 3 1 2 | 10/28/87 | EPO | | | | |
| | FM | 9 3 2 2 8 7 7 | 11/11/93 | PCT | | | | |
| | FN | 9 2 2 1 2 0 6 | 11/26/92 | PCT | | | | |
| | FO | 9 1 0 0 6 7 0 | 1/10/91 | PCT | | | | |
| | FP | 9 1 0 3 1 1 2 | 3/7/91 | PCT | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| EXAMINER <i>James Q. T.</i> | DATE CONSIDERED <i>7/24/97</i> |
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|---------------------|----|-----------------|----------|-------------------|-------|----------|-------------------------------|
| Q | GA | 5 1 5 5 5 9 1 | 10/13/92 | Wachob | | | |
| | GB | 5 4 3 2 5 4 2 | 7/11/95 | Thibadeau et al. | | | |
| | GC | 5 0 3 6 5 3 7 | 7/30/91 | Jeffers et al. | | | |
| | GD | 5 3 2 3 2 4 0 | 6/21/94 | Amano et al. | | | |
| | GE | 5 3 6 7 5 7 1 | 11/22/94 | Bowen et al. | | | |
| | GF | 4 3 6 1 8 4 8 | 11/30/82 | Poignet et al. | | | |
| | GG | 5 2 6 0 7 7 8 | 11/9/93 | Kauffman et al. | | | |
| | GH | 3 8 9 1 7 9 2 | 6/24/75 | Kimura | | | |
| | GI | 5 0 3 6 3 9 4 | 7/30/91 | Morii et al. | | | |
| | GJ | 4 6 3 9 2 2 5 | 1/27/87 | Washizuka | | | |
| | GK | 4 8 2 9 5 6 9 | 5/9/89 | Seth-Smith et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---|----|-----------------|----------|---------------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| Q | GL | 9 2 1 1 7 1 3 | 7/9/92 | PCT | | | | |
| | GL | 1 2 0 4 1 9 0 | 9/3/70 | Great Britain | | | | |
| | GM | 3 4 2 3 8 4 6 | 1/9/86 | Germany | | | | |
| | GN | 2 3 4 2 2 3 | 11/11/94 | Taiwan | | | | |
| | GO | 2 3 6 0 6 5 | 12/11/94 | Taiwan | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|---------------------|----|-----------------|----------|---------------------|-------|----------|-------------------------------|
| ① | HA | 4 6 0 5 9 6 4 | 8/12/86 | Chard | | | |
| | HB | 4 6 8 8 2 1 8 | 8/18/87 | Blinau et al. | | | |
| | HC | 5 1 5 1 7 8 2 | 9/29/92 | Ferraro | | | |
| | HD | 5 2 0 6 9 5 4 | 4/27/93 | Inoue et al. | | | |
| | HE | 5 3 4 3 2 3 9 | 8/30/94 | Lappington et al. | | | |
| | HF | 5 3 2 7 5 5 4 | 7/5/94 | Palazzi, III et al. | | | |
| | HG | 4 7 2 4 4 9 1 | 2/9/88 | Lambert | | | |
| | HH | 5 3 7 5 0 6 8 | 12/20/94 | Plamer et al. | | | |
| | HI | 5 2 1 6 5 1 5 | 6/1/93 | Steele et al. | | | |
| | HJ | 5 3 3 9 3 1 5 | 8/16/94 | Maeda et al. | | | |
| ✓ | HK | 4 6 9 7 2 0 9 | 9/29/87 | Kiewit et al. | | | |

FOREIGN PATENT DOCUMENTS

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|---|----|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| ① | HL | 2 3 5 3 5 9 | 12/1/94 | Taiwan | | | | |
| | HM | 2 3 5 3 5 8 | 12/1/94 | Taiwan | | | | |
| | HN | 2 3 6 7 4 4 | 12/21/94 | Taiwan | | | | |
| | HO | 2 3 8 4 6 1 | 4/23/92 | Taiwan | | | | |
| ✓ | HP | 1 6 7 2 3 7 | 1/8/86 | EPO | | | | |

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|---------------------|----|-----------------|----------|----------------------|-------|----------|-------------------------------|
| <i>Q</i> | IA | 5 4 8 1 2 9 4 | 1/2/96 | Thomas et al. | | | |
| | IB | 5 4 7 3 3 6 2 | 12/5/95 | Fitzgerald | | | |
| | IC | 5 1 5 0 1 1 8 | 9/22/92 | Finkle et al. | | | |
| | ID | 5 4 7 9 2 6 8 | 12/26/95 | Young et al. | | | |
| | IE | 5 3 4 1 4 7 4 | 8/23/94 | Gelman et al. | | | |
| | IF | 5 3 1 9 4 5 5 | 6/7/94 | Hoarty et al. | | | |
| | IG | 5 4 7 7 2 6 3 | 12/19/95 | O'Callaghan et al. | | | |
| | IH | 5 0 1 4 1 2 5 | 5/7/91 | Pocock et al. | | | |
| | II | 5 1 3 2 9 9 2 | 72192 | Yurt et al. | | | |
| | IJ | 4 5 1 7 5 9 8 | 5/14/85 | VanValkenburg et al. | | | |
| <i>W</i> | IK | 4 5 8 7 5 2 0 | 5/6/86 | Astle | | | |

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| | | | | | | | YES | NO |
| <i>Q</i> | IL | 1 4 9 5 3 6 | 1/18/84 | EPO | | | | |
| | IM | 1 5 8 5 4 8 | 10/16/85 | EPO | | | | |
| | IN | 1 4 5 0 6 3 | 6/19/85 | EPO | | | | |
| | IO | 1 0 3 4 3 8 | 3/21/84 | EPO | | | | |
| <i>W</i> | IP | 3 9 9 2 0 0 | 11/28/90 | EPO | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| EXAMINER <i>Chris Gar7</i> | DATE CONSIDERED <i>7/24/03</i> |
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Sheet 10 of 14

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|---|--|------------------------------------|--------------------------|
| FORM PTO-1449 (Rev. 2-32) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 5212 | SERIAL NO. 09/124,043 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT John S. HENDRICKS et al. | |
| | | FILING DATE July 29, 1998 | GROUP 2711 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|-----------------|----------|-------------------|-------|----------|-------------------------------|
| Ca | JA | 5 5 1 5 0 9 8 | 5/7/96 | Carles | | | |
| | JB | 5 4 1 2 4 1 6 | 5/2/95 | Nemirofsky | | | |
| | JC | 5 4 0 0 4 0 1 | 3/21/95 | Wasilewski et al. | | | |
| | JD | 5 2 8 5 2 7 2 | 2/8/94 | Bradley et al. | | | |
| | JE | 5 4 4 6 9 1 9 | 8/29/95 | Wilkins | | | |
| | JF | 5 4 4 2 6 2 6 | 8/15/95 | Wei | | | |
| | JG | 5 4 8 1 5 4 2 | 1/2/96 | Logston et al. | | | |
| | JH | 5 4 8 1 2 9 6 | 1/2/96 | Cragun et al. | | | |
| | JI | 5 3 5 1 0 7 5 | 9/27/94 | Herz et al. | | | |
| | JJ | 5 4 8 3 2 7 8 | 1/9/96 | Strubbe et al. | | | |
| | JK | 5 4 6 9 2 0 6 | 11/21/95 | Strubbe et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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| | | | | | | | YES | NO |
| Ca | JL | 4 5 0 8 4 1 | 10/9/91 | EPO | | | | |
| | JM | 2 2 4 5 1 6 7 | 3/31/89 | Japan | | | | |
| | JN | 2 1 7 7 8 7 3 | 1/28/87 | Great Britain | | | | |
| | JO | 2 1 4 0 1 3 4 | 6/23/87 | Japan | | | | |
| | JP | 2 8 1 2 9 3 | 9/7/88 | EPO | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| EXAMINER <i>Chris Gran Y</i> | DATE CONSIDERED <i>7/24/03</i> |
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| FORM PTO-1449 (Rev. 2-32) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 5212 | SERIAL NO. 09/124,043 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT John S. HENDRICKS et al. | |
| | | FILING DATE July 29, 1998 | GROUP 2711 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|-----------------|----------|-------------------|-------|----------|-------------------------------|
| CE | KA | 5 3 1 9 7 0 7 | 6/7/94 | Wasilewski et al. | | | |
| | KB | 5 2 4 2 7 7 0 | 6/13/95 | Schmelzer et al. | | | |
| | KC | 4 6 9 4 4 9 0 | 9/15/87 | Harvey et al. | | | |
| | KD | 4 4 6 5 8 2 5 | 10/23/90 | Harvey et al. | | | |
| | KE | 4 5 2 8 6 4 3 | 7/9/85 | Freenvy, Jr. | | | |
| | KF | 5 2 3 7 6 1 0 | 8/17/93 | Gammie et al. | | | |
| | KG | 4 7 1 2 1 3 0 | 12/8/87 | Casey | | | |
| | KH | 5 2 8 2 0 2 8 | 1/25/94 | Johnson et al. | | | |
| | KI | 5 6 4 4 3 5 4 | 7/1/97 | Thompson et al. | | | |
| | KJ | 5 5 7 0 1 2 6 | 10/29/96 | Blahut et al. | | | |
| | KK | 5 6 6 1 5 1 6 | 8/26/97 | Carles | | | |

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| | | | | | | | YES | NO |
| CE | KL | 5 1 3 5 5 3 | 11/19/92 | EPO | | | | |
| | KM | 5 7 0 7 8 5 | 11/24/93 | EPO | | | | |
| | KN | 3 2 8 4 4 0 | 8/8/89 | EPO | | | | ✓ |
| | KO | 1 0 2 0 4 5 4 | 1/30/89 | Japan | | | | |

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| EXAMINER <i>Chiu</i> | DATE CONSIDERED <i>7/24/93</i> |
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT John S. HENDRICKS et al. | |
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|-----------------|----------|------------------|-------|----------|-------------------------------|
| <u>C</u> | LA | 5 7 2 4 0 9 1 | 3/3/98 | Freeman et al. | | | |
| | LB | 5 3 4 3 5 1 6 | 8/30/94 | Callele et al. | | | |
| | LC | 4 8 0 5 0 1 4 | 2/14/89 | Sahara et al. | | | |
| | LD | 4 3 8 1 5 2 2 | 4/26/83 | Lambert | | | |
| | LE | 5 5 0 0 7 9 4 | 3/19/96 | Fujita et al. | | | |
| | LF | 5 2 5 3 3 4 1 | 10/12/93 | Rozmanith et al. | | | |
| | LG | 5 0 7 3 9 3 0 | 12/17/91 | Green et al. | | | |
| | LH | 5 0 7 5 7 7 1 | 12/24/91 | Hashimoto | | | |
| | LI | 5 6 9 6 9 0 6 | 12/9/97 | Peters et al. | | | |
| | LJ | 5 1 0 3 3 1 4 | 4/7/92 | Keenan | | | |
| | LK | 5 4 0 4 5 0 5 | 4/4/95 | Levinson | | | |

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| EXAMINER <u>Draw Boy</u> | DATE CONSIDERED <u>7/24/03</u> |
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| FORM PTO-1449 (Rev. 2-32) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 5212 | SERIAL NO. 09/124,043 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT John S. HENDRICKS et al. | |
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|-----------------|----------|----------------|-------|----------|-------------------------------|
| <u>Q</u> | MA | 5 3 9 0 3 4 8 | 2/14/95 | Magin et al. | | | |
| | MB | 4 3 9 8 2 1 6 | 8/9/83 | Field et al. | | | |
| | MC | 4 6 3 3 4 6 2 | 12/30/86 | Stifle et al. | | | |
| | MD | 5 3 6 5 2 6 5 | 11/15/94 | Shibata et al. | | | |
| | ME | 5 3 9 6 5 4 6 | 3/7/95 | Remillard | | | |
| | MF | 5 4 6 1 6 6 7 | 10/24/95 | Remillard | | | |
| | MG | 5 5 6 1 7 0 8 | 10/1/96 | Remillard | | | |
| | MH | 5 5 6 1 7 0 9 | 10/1/96 | Remillard | | | |
| | MI | 5 3 4 9 6 3 8 | 9/20/94 | Pitroda et al. | | | |
| | MJ | 5 4 4 0 6 3 2 | 8/8/95 | Bacon et al. | | | |
| <u>✓</u> | MK | 5 0 5 6 1 3 8 | 10/8/91 | Tyson, Sr. | | | |

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INFORMATION DISCLOSURE CITATION

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JUL 24 2002

Docket Number (Optional)

5212

Application Number

09/124,043

Applicant(s)

John S. HENDRICKS, et al.

Filing Date

July 29, 1998

Group Art Unit

2711

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----|-----------------|----------|------------------|-------|----------|-------------------------------|
| C | | 5,793,414 | 8/11/98 | Shaffer | 725 | 133 | |
| | | 5,003,384 | 3/26/91 | Durden et al. | 725 | 104 | |
| | | 6,052,717 | 4/18/00 | Reynolds et al. | 709 | 218 | |
| | | 5,774,170 | 6/30/98 | Hite et al. | 725 | 34 | |
| | | 4,816,904 | 3/28/89 | McKenna et al. | 725 | 11 | |
| | | 6,163,316 | 12/19/00 | Killian | 345 | 721 | |
| | | 5,600,364 | 2/4/97 | Hendricks et al. | 725 | 9 | |
| | | 5,247,575 | 9/21/93 | Sprague et al. | 705 | 53 | |
| | | 5,990,927 | 11/23/99 | Hendricks et al. | 725 | 132 | |
| | | 5,758,257 | 5/26/98 | Herz et al. | 725 | 116 | |
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FOREIGN PATENT DOCUMENTS

| | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
|---|-----|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| C | | WO 80/00209 | 2/7/80 | WIPO | | | | |
| | | WO 98/18086 | 4/30/98 | WIPO | | | | |
| | | WO 99/66719 | 12/23/99 | WIPO | | | | |
| | | WO 99/52285 | 10/14/99 | WIPO | | | | |
| C | | 2344009 A | 5/24/00 | GB | | | | |

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Docket Number (Optional)
5212

Application Number
09/124,043

Applicant(s)
John S. Hendricks, et al.

Filing Date
July 29, 1998

Group Art Unit
2711

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----|-----------------|------------|--------------------|-------|----------|-------------------------------|
| Q | 1. | 5,317,391 | 5/31/1994 | Banker, et al. | 725 | 139 | |
| Q | 2. | 5,374,951 | 12/20/1994 | Welsh | 725 | 20 | |
| Q | 3. | 5,635,989 | 6/3/1997 | Rothmuller | 725 | 46 | |
| Q | 4. | 5,467,402 | 11/14/1995 | Okuyama, et al. | 382 | 104 | |
| Q | 5. | 6,201,536 | 3/13/2001 | Hendricks, et al. | 345 | 716 | |
| Q | 6. | 5,550,863 | 8/27/1996 | Yurt, et al. | 375 | 240 | |
| Q | 7. | 5,270,809 | 12/14/1993 | Gammie, et al. | 725 | 114 | |
| Q | 8. | 5,715,315 | 2/3/1998 | Handelman | 380 | 234 | |
| Q | 9. | 6,331,877 | 12/18/2001 | Bennington, et al. | 348 | 731 | |
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EXAMINER
Dustan R. R. 7

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